

**The Speed of Sound and Derived Thermodynamic Properties of Liquid  
R404A from 253 K to 333 K and Pressures up to 65 MPa.**

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This work reports experimental data of the speed of sound in liquid R404A from 253 K to 333 K and pressures up to 65 MPa, measured with a pulse-echo method. R404A is the blend of R125 + R143a + R134a at a composition of 44/52/4 mass percent. The results are fitted with a rational approximant. Derived thermodynamic properties are calculated combining our experimental data with density and isobaric heat capacity values published by other authors. The results were compared with the data available in the literature.